

IN THE CLAIMS:

Please cancel claims 1-14 without prejudice to or disclaimer of the subject matter recited therein.

Please add new claims 15-30 as follows:

LISTING OF CURRENT CLAIMS

Claims 1-14. (Canceled)

15. (New) A method for using an anti-pollution device for exhaust comprising the steps of:

- 5 a) inserting a plurality of filtering materials into an inner filtering chamber of a housing and forming a plurality of clearances between the plurality of filtering materials;
- b) connecting an inlet hole in the housing to an inlet pipe;
- c) connecting an outlet hole in the housing to an outlet pipe;
- d) inserting exhaust into the inner filtering chamber of the housing through the inlet pipe connected to the inlet hole in the housing;
- 10 e) filtering out contaminated particles in the exhaust by forcing the exhaust through the plurality of clearances formed by the plurality of filtering material in the inner filtering chamber;
- f) exhausting treated exhaust from the inner filtering chamber of the housing through the outlet pipe connected to the outlet hole in the housing; and
- 15 g) removing contaminated particles from the housing through a dust collection hole in a bottom of the inner filtering chamber of the housing.

16. (New) The method according to claim 15, wherein the filtering step e) is carried out by forcing the exhaust through a plurality of chambers formed by a plurality of partitions protruding from an outer periphery toward a center of the inner filtering chamber.

17. (New) The method according to claim 15, wherein the filtering step e) is carried out by forcing the exhaust through a plurality of grids containing the plurality of filtering materials and removably inserted into the inner filtering chamber to form separated zones.
18. (New) The method according to claim 15, wherein the inserting step a) is carried out using a plurality of filtering materials selected from at least one of the materials in the group of materials consisting of metal, fiber, stone, pottery, porcelain, ceramics, resin, and cotton.
19. (New) The method according to claim 18, wherein the inserting step a) is carried out using a plurality of filtering materials having a plurality of shapes.
20. (New) The method according to claim 15, wherein the filtering step e) further includes the step of controlling the housing with equipment selected from the group consisting of a relieve valve for relieving excessive pressure and a temperature controller for temperature reduction installed on the housing.
21. (New) The method according to claim 15, wherein the inserting step a) is carried out using a plurality of filtering materials having a catalyst convert agent.

22. (New) An anti-pollution device for exhaust comprising:
- a) a housing having:
 - i) an inner filtering chamber formed in a hollow interior thereof;
 - ii) an inlet hole connected to an inlet pipe;
 - 5 iii) an outlet hole connected to an outlet pipe; and
 - iv) a dust collection hole in a bottom of the inner filtering chamber for removing contaminated particles from the housing; and
 - b) a plurality of filtering materials inserted into the inner filtering chamber of the housing and forming a plurality of clearances there between,
 - 10 such that exhaust inserted into the inner filtering chamber through the inlet pipe is filtered through the plurality of clearances formed by the plurality of filtering material in the inner filtering chamber to remove contaminated particles, treated exhaust is released from the inner filtering chamber through the outlet pipe, and contaminated particles are removed through the dust
 - 15 collection hole.
23. (New) The anti-pollution device according to claim 22, wherein the inlet hole and the outlet hole each include a length of pipe.
24. (New) The anti-pollution device according to claim 22, further comprising a relieve valve for relieving excessive pressure and a temperature controller for temperature reduction installed on the housing.
25. (New) The anti-pollution device according to claim 22, further comprising a muffler connected to the housing.
26. (New) The anti-pollution device according to claim 22, further comprising auxiliary equipment connected to the housing and selected from the group of auxiliary equipment consisting of an agitator and an ash blow device.

27. (New) The anti-pollution device according to claim 22, wherein the plurality of filtering materials are selected from at least one of the materials in the group of materials consisting of metal, fiber, stone, pottery, porcelain, ceramics, resin, and cotton.
28. (New) The anti-pollution device according to claim 27, wherein the plurality of filtering materials having a plurality of shapes.
29. (New) The anti-pollution device according to claim 22, further comprising a plurality of partitions protruding from an outer periphery toward a center of the inner filtering chamber and forming a plurality of chambers.
30. (New) The anti-pollution device according to claim 22, further comprising a plurality of grids containing the plurality of filtering materials and removably inserted into the inner filtering chamber to form separated zones.